

SURAN, Pavel

Automatic jointing of veneers. Drevo 18 no.5:191-192 My '63.

1. Preglejka, n.p., Zarnovica.

SHRAN, Rostislav, inz.

CO<sub>2</sub> shielded arc spot welding. Zvaranie 13 no.12:367-370  
D '64.

1. Ceskomoravska-Kolben-Danek National Enterprise, Prague.

SURAN, Vladimir, inz.

Relay protection of the lines in the Czechoslovak 400 kv  
electric power distribution system. Energtika Cz 15 no.1:  
5-9 Ja '65.

1. State Institute Energoprojekt, Prague.

BOKCHUBAYEV, Tenti; SURANCHIYEV, A., red.; TYURYAYEV, M.A., tekhn.  
red.

[Technology is the foundation of achievements] Tekhnika -  
iigiliktin negizi. Frunze, Kyrgyzstan mamlekettik bas-  
masy, 1960. 48 p. (MIRA 15:4)  
(Technology)

SURANCHIYEVA, R.A.

Incidence and prevention of rabies in the Kirghiz S.S.R.  
Sov. zdrav. Kir. no.3:48-51 My-Je '63. (MIRA 16:9)

1. Iz kafedry infektsionnykh bolezney (zav. - dotsent P.A. Alekseyev) Kirgizskogo gosudarstvennogo meditsinskogo instituta na baze gorodskoy infektsionnoy bol'nitsy (glavnyy vrach - K.P. Bogdanova).  
(~~KIRGHIZISTAN~~—RABIES)

SURANCHIEYEVA, R.K.

Case of an atypical course of rabies. Sov. zdrav. Kir. no.4/5:  
118-110 JI-0'63 (MIRA 17:1)

1. Iz kafedry infektsionnykh bolezney (zav. - dotsent P.A. Alekseyev) Kirgizskogo gosudarstvennogo meditsinskogo instituta, na baze gorodskoy infektsionnoy bol'nitsy (glavnyy vrach K.P. Bogdanova).

SUMMIT, Ivan Vasil'yevich; KUPA IV, Georgiy Nizhnyevich;  
NAUMOVA, I.A., red.

[Sports fishing on the Northern Dvina] Sportivnaya lovlia  
ryby na Severnoi Dvini. Arkhangel'sk, Severo-Zapadnoe  
knizhnoe izd-vo, 1965. 37 p. (RDA 18:9)

SURANOV, P.

Optical sight on a small caliber rifle. Voen. znan. 25 no.10:15  
0 '49. (MIRA 13:3)

(Firearms--Sights)



СОВЕТ, Р.

Основа стрельбы из автоматического оружия / Принципы стрельбы из автоматического оружия. Москва, Изд-во ВСММАЗ СССР, 1952. 112 с.

SC: Monthly List of Russian Acquisitions, Vol 6 No 4, July 1953

SURANOV, P.

Work with the PKD rifle attachment. Voen.snan. 29 no.6:22 Je '53.  
(Rifles) (MIRA 7:11)

SURANOV, P., sud'ya vsesoyuznoy kategorii.

Shooting competitions in the primary organization. Voenn. znaniya. 29 no. 8:18-19  
Ag. '53. (MLRA 6:8)  
(Shooting contests)

SURANOV, P. inzhener.

TOZ-12 small bore rifle. Voen.znan 31[1.e.32] no.5:19 My '56.  
(Rifles) (MIRA 9:9)

SURANOV, P.

Valuable manual for qualified marksmen ("Pistol and revolver  
marksmanship." L. Vainshtein. Reviewed by P. Suranov.) Voen.  
znan. 31 no.9:30 S '56. (MLRA 9:11)  
(Shooting) (Vainshtein, L.)

SURANOV, P., inshener.

MTs-3 small bore pistol. Voen.snan. 32 no.2:25 P '56. (MLRA 9:5)  
(Pistols)

SURANOV, P., inzhener.

Zeroing in a Margolin pistol. Voen.znan. 32 no.10:13  
0 '56.

(MLRA 10:2)

(Pistols)

SURANOV, P., inzhener.

The "Zenit" rifle for target shooting. Voen.znan. 32 no.11:21  
N '56. (MIRA 10:10)

(Rifles)



SURANOV, P., inzhener.

Solov'ev automatic pistol. Voen. snan. 33 no.2:35 P '57.  
(Pistols) (MLRA 10:4)

ZHG TOV, O., zaslushenny master sporta; GUBAREV, V., master sporta;  
ILYUSHIN, V., master sporta; KUDRYASHOV, Yu., master sporta;  
RABINOVICH, I., master sporta; KHAYDUROV, Ye., master sporta;  
SHPAQIN, M., master sporta; SUBANOV, P.; SVIRIN, V., strelok  
1-go razryada; GNEUSHEV.

What should a marksmanship club be like? Voen. snan. 33 no.4:  
26 Ap '57. (MLRA 10:6)

(Rifle practice)

SURANOT ... inzhener.

New small-bore rifles. Voen. znani. 33 no.4:28 Ap '57. (MIRA 10:6)  
(Rifles)

SERANOV, P., inzhener.

New open sight for small bore rifles. Voen.snan. 33 no.5:32  
My '57. (MIRA 10:7)

(Firearms--Sights)

"  
SURANOV, P., sud'ya vsesoyuznoy kategorii.

Remarkable success of our marksmen. Voen.znan. 33 no.10:30-31  
0 '57. (MIRA 10:11)  
(Shooting contests)

SURANOV, P., insh.

Rifles of Soviet marksmen. Voen.snan.33 no.11:26-28 N '57.  
(MIRA 10:12)

(Rifles)

RABINOVICH, I., master sporta.; SURANOV, P., inzh.

The weapon and ammunition for the 37th championship of the world.  
Voen. znan. 34 no.11:28-30 N '58. (MIRA 12:1)  
(Firearms) (Shooting contests)

VI  
0  
SURANOV, P., sud'ya vsesoyuznoy kategorii

Judge and marksman. Voen. znan. 36 no.1:32 Ja '60.  
(MIRA 12:12)  
(Shooting contests)



SURANOV, P., sud'ya vsesoyuznoy kategorii

We are preparing a sporting generation. Voen.znan. 41  
no.11:37 N '65. (MIRA 18:12)

SURAN, Vladimir, inz.

Automatic safety devices on the Lemesany-Mukachevo-Ludus  
400 kv line, relay protections of autotransformer sets and  
compensating coils. Energetika Cz 15 no.2:62-65 F '65.

1. State Institute Energoprojekt.

SURANOV, V.M.

Light IMGP-3 mining machine. Ugol' Ukr. 4 no.10:39-40 0 '60.  
(MIRA 13:10)

(Coal mining machinery)

SURANOV, V.M., inzh.

Use of hydromechanical cutter loaders in the Kuznetak Basin.  
Ugol.prom. no.5:33-36 S-O '62. (MIRA 15:11)

1. Donetskij nauchno-issledovatel'skiy ugol'nyy institut.  
(Kuznetsk Basin—Coal mining machinery)

SURANOV, V.M., inzh.

Coefficient of friction of steel on dry and wet rock. Gor. zhur.  
no.6:75 Je '63. (MIRA 16:7)

1. Donetskii nauchno-issledovatel'skiy ugol'nyy institut.  
(Friction) (Track-laying vehicles--Testing)

RUMANIA

NICOLAU, St. S., Academician, ATHANASIU, Pierrete, SURDAN, C., PETRESCU, Al., POPESCU, Georgeta, STEFANESCU, I., STOIA, I. and MARIN, D. of the Institute of Inframicrobiology of the RPR Academy (Institutul de Inframicrobiologie al Academiei RPR) and the Methodological Center for Rheumatology (Centrul Metodologic de Reumatologie), Bucharest.

"The Role of Rickettsial and Pararickettsial Affections in the Activation of Arthroses and Spondyloses."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 14, No 5, 1963, pp 551-563.

Abstract [Authors' English summary modified]: Positive micro-agglutination reactions for rickettsial or pararickettsial germs were obtained in 80% of the serological tests on 100 patients suffering from rheumatic arthrosis processes. The germs were also isolated in white mice and chick embryos for some of the patients. Therapy with tetracyclin group antibiotics resulted in marked improvements. The actual role of rickettsia or pararickettsia as causal agents or as factors reactivating a different pathologic process is still not clear.

Includes 2 tables and 24 references, of which 15 Western, 3 Russian, 2 German and 4 Rumanian.

1/1

Suranova, Z. P.

Vanadometric determination of hydroquinone, tannin, and hydroxylamine. Z. P. Suranova. *Trudy Odesk. Univ., Sbornik Khim. Fizich. Nauk* 3, 73-8 (1953); *Referat. Zhur. Khim.* 1955, No. 4012.—It was found possible to det. qualitatively aldehydes, polyat. alcs., hydroxy acids, fructose, glucose, saccharose, hydroquinone (I), tannin (II), and hydroxylamine (III) with vanadates. For I, II, and III quant. procedures were devised. To det. I add 10 ml. 18N H<sub>2</sub>SO<sub>4</sub> and 4-5 drops of 0.2% phenylanthranilic acid to 5 ml. of approx. 0.1N soln. of I and titrate with 0.1N KVO<sub>3</sub> to sharp transition of the green color into red-violet. Resorcinol interferes. The av. relative error is 0.17%. To det. II add 5 ml. of 0.02M soln. of it to 10 ml. 0.1N NaVO<sub>3</sub> with stirring, add 15 ml. 18N H<sub>2</sub>SO<sub>4</sub>, heat to 30-40°, add 7-8 drops of indicator, and titrate excess NaVO<sub>3</sub> with 0.1N Mohr salt soln. to a transition of the red-violet into brown color. The error of this detn. is 3-5%. To det. III add 10 ml. of its 0.1M soln. to a mixt. of 20 ml. of 18N H<sub>2</sub>SO<sub>4</sub> and 10 ml. 0.1N vanadate soln., keep for 20-30 min. with occasional shaking, and titrate excess VO<sub>3</sub> with 0.1N Mohr salt soln. The error is 1-3%.  
M. Hosen

MOROSOV, A.A.; SURINOV, I.I.; NOYDE, I.I.

Separation of iron and chromium in the presence of trilon B  
on anion and cation exchangers. Nauch. ezhegod. Khim. fak.  
Cd. un. no.2-63-64 '61. (MIRA 17:8)



PURANOVA, L.F.; G-REN-77; NAYOU, I.S.


Rapid methods of water analysis. Nauch. ezhegod. Khim. fak.  
Os. un. no.2.68-70 '61. (MIRA 17:8)

S/081/62/000/015/004/038  
B169/B101

AUTHOR: Suranova, Z. P.

TITLE: A new pH indicator

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 15, 1962, 117, abstract  
15D3 (Nauchn. yezhegodnik. Odessk. un-t. Khim. fak. no.2,  
Odessa, 1961, 72 - 74)

TEXT: A new azo compound having the properties of a pH indicator has been obtained. Its color is violet in an acid, red in a neutral and orange in an alkaline medium, and the color change interval lies within the range pH 6.2-7.6. This azo compound is obtained by diazotizing 2-naphthylamine-1-sulfoacid by adding  $\text{NaNO}_2$  in the presence of  $\text{H}_2\text{SO}_4$  and ice. The diazo compound, which is bright yellow, is added to a solution of Mg salt of 1-naphthylamine-8-sulfoacid. The resulting bright violet residue is neutralized with a solution of NaOH to give a weakly alkaline reaction, marked by its changing to bright orange, and is then filtered and dried. The reaction which produces this new azo compound 4-(1-sulfo-2-naphthylazo)-1-naphthylamine-8-sulfoacid can also be used for determination of nitrites.   
Cird 1/2

SUPANY, O. 1948

"Ring-Like Inhibition in Bacterium Strains Caused by Disinfectants."

Orvosok Lapja, Budapest, 1948 #9(72)  
Abst: Exc. Med. IV. Vol. 11, No. 9, p. 900

SUTANZ, P.

"Gyorgy Orlatka's Energiagazdalkodás az élelmiszeriparban (Power Economy in the Food Industry); a book review." p. 287 (ELELMISZERI IPAR. Vol. 8, No. 9, Sept. 1954; Budapest, Hungary.)

So: Monthly List of East European Accessions, (REAL), 10, Vol. 4, No. 4, April 19 5, Uncl..

SURANY, Pal

Some problems on the food-industry machine building. Elelm  
ipar 11 no.9/10:209-211 N '57.

SURANY, Pal

Mechanization and automation in the food industry. Elelm ipar  
14 no.8/9:226-232 Ag-S '60.

1. Elelmezesipari Szolgaltato Troszt.

HUNGARY

S. MOLNAR, Edit, Dr., Candidate of Psychological Sciences, and SURANYI, Balint, Department for Public Opinion Research at the Hungarian Radio and Television (Magyar Radio es Televizio Kozvelemenyskutato Osztalya)[location not given](Head: S. MOLNAR, Edit).

"The Ability of Choice Sequence to Affect opinions as Expressed in Questionnaires"

Budapest, Magyar Pszichologiai Szemle, Vol 23, No 1-2, 1966, pp 38-50.

Abstract: The Hungarian Radio and Television conducted a public opinion survey through questionnaires during 1964. A total of 2367 recipients out of 3000 responded. The responses were analyzed. The salient features of the questions and the distribution of the responses were briefly described. It was noted that the sequence of choices in multiple-choice questions affected the responses. This was verified by incorporating the same choices in various sequences in essentially the same questions. In questions where the 'yes' answer represents a positive attitude the most positive choice will be favored excessively if mentioned first, and vice versa. The significance of this observation in formulating questionnaires and in the analysis of questionnaire responses was discussed. No references.

SURANYI, E.,

"The frozen cooler" p. 6 "The advantageous modification of the Tatrapián cooling" p. 6  
"The expert investigation of condensation relating to valves" p. 7 "Lighted goggles for  
mechanics" P. 7 "Vacuum equipment for ease in the adjustment of breaks" p. 7  
"Autotechnics" p. 8  
(AUTO MOTOR, Vol. 6, No. 4, Feb. 1953, Budapest, Hungary)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No. 7, July 1953, Uncl.



SHAWY, E.

"The history of a gasoline shutoff." p. 1. (AUTO ACTION, Vol. 6, no. 10, May 1953.  
abstract.)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress  
August, 1953, Uncl.

S. KANYI, F.

HUNG :

35. Device for reducing the petrol consumption of automobile engines - *Készülék a gépjárműmotorok benzín-fogyasztásának csökkentésére* - E. Székely (Hungarian Engineering - *Magyar Technika* - Vol. I, 1953, No. 12 PP. 733-735, 4 figs.)

It is incorrect to reduce fuel consumption by switching off the engine during driving, many accidents are due to this practice. It is equally improper to reduce the jet diameter excessively since the heating of the engine due to the lean mixture shortens motor life. There are two correct methods of reducing fuel consumption, cutting off the fuel supply during forced idling (e.g. in descent or in slowing down) and reducing the fuel supply with partial loads. The device makes use of both methods in the following manner: A solenoid with two circuits is fitted to the carburettor. A jet needle mounted on the extension of the solenoid plunger is forced completely into the jet when one of the circuits is made and only partially when the other is made thereby cutting off and throttling the fuel supply respectively. The device may be fitted to any carburettor and 10 to 15% savings in fuel may be attained by its application.

*See my!*

1. 1. 1.

1955. 1955. 1955.

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1955. 1955. 1955.

1. Monthly List of West European Accessions, (JMI), 1, Vol. 4, no. 10, Oct. 1955,  
1955.

CHAS. H. H. H. H.

Mythology: Elys. 7.

..., August, Vol. 1, no. 15, Aug. 1955.

1. Monthly list of East European Accessions, (SEAL), Lx, Vol. 4, no. 12, Oct. 1955, 1961.

SURANYI, E.

Mysterious fault p. 7

AUTO MOTOR Vol. 8, no. 18, Sept. 1955

(Kozlekedesi Kiado) Budapest

SOURCE: East European Accessions List

Vol. 5, No. 1

September, 1956

SURANYI, E.

A gépkocsik üzemzavarai és sürgősségi javítása (Breakdowns of Automobiles and Emergency Repairs); a book review. p. 360. KOZLEKEDESTUDOMANYI SZEMLE, Budapest. Vol. 5, No. 9, Sept. 1956

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 2, Feb. 1956.

SURANYI, E.

Winter advice for Wariburg owners.

p. 13. (AUTO-MOTOR) Vol. 10, no. 22, Dec. 1957  
Budapest, Hungary

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,  
March 1958

SURANYI, Endre; MIHALIK, Bela

Motorboats. Musz elet 15 no.15:1 J1 '60.  
(Motorboats)

(EEAI 9:12)



SURANYI, Endre

Motorboat racing. (To be contd.) Auto motor 14 no.6:29 Mr '61.

( SURANYI, Endre

Motor boat racing. III. Auto motor 14 no. 8:28 Ap '61.

SURANYI, Gyula, dr.

Preventive methods for protecting social property.  
Epites szemle 6 no.3:91-95 '62.

1. Epitesugyi Minisaterium Elnoki es Jogi Foosztalyanak  
osztalyvezetoje, Budapest

STANLEY, I.

"Availability of Tools and the Tool Supply", p. 258 (MAGYAR TECHNIKAI, Vol. 8, No. 11, Dec. 1953, Budapest, Hungary).

Source: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/U.S. 1.

15

EXPERIMENTS WITH POTASSIUM-PHOSPHORIC ACID FERTILIZERS ON BEER BARLEY IN 1928.  
 J. SURANYI. Keszirvi. Keszirvi. 11. 230-30(1928).—The use of both K and  $P_2O_5$   
 fertilizers gave good results on Hungarian barley. Not only the quantity but also  
 the quality of the barley crop was better. S. S. DE FINALLY

ASD-55A METALLURGICAL LITERATURE CLASSIFICATION

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Potassium and phosphorus fertilizer experiments with barley in Hungary during 1939. L. SURANYI, Keszthely. Keszthelyi 22, 403-12(1939). -- 2nd of both gave good results on medium heavy soils. K. M. ON FINALLY

AND SLA DETAIL/JOURNAL LITERATURE CLASSIFICATION

SURANYI, J.

①

Sweet-white-clover and Sudan-grass pastures. J. Suranyi  
(*Vierhansche*, 1952, 1, 101-110). For autumn sown (late Aug.  
and early Sept.) pastures the main species should include winter  
barley and red, crimson clover, and sweet white clover (*Medicago*  
*albida*); for spring sowing (late March and early April, Sudan grass  
and sweet white clover are recommended. Such pasture can be  
grazed from about mid-June until the end of the season. Sweet  
Sudan grass, unlike ordinary Sudan grass, proved particularly  
palatable to grazing cattle. A. Stoffer.

SURANYI, J.

Production of Indian corn in America and its methods. p. 381  
(Magyar Mezogazsag. Vol. 9, no. 4, 1956, Hungary)

SO: Monthly List of East European Accessions (EEAL) IC, Vol. 6, no. 6, June 1957. Uncl.



der logischen Funktionenkreis. Das ist  
 24.10.1941 (Herrn ... German summary)  
 ... German summary. The author  
 ...

SURVIV. TAIROS

on the Independence of the Circle Fields in the Euclidean

Rényi, A., Rényi, C. et Surányi, J. Sur l'indépendance des  
domaines simples dans l'espace Euclidien à  $n$  dimensions

Mathematical Reviews  
Vol. 14 No. 11  
Dec. 1953  
Analysis

✓ Surányi, János. Sur la structure des classes finies d'ensembles. Comptes Rendus du Premier Congrès des Mathématiciens Hongrois, 27 Août-2 Septembre 1950, pp. 401-407. Akadémiai Kiadó, Budapest, 1952. (Hungarian. Russian and French summaries)

If  $F$  is a subset of a set  $E$ , write  $F^{11} = F$  and  $F^{-1} = E - F$ . If  $E_j$  and  $F_j$  are subsets of  $E$ ,  $j = 1, \dots, n$ , the class  $\{E_1, \dots, F_n\}$  is defined to be equivalent to the class  $\{F_1, \dots, F_n\}$  if and only if there is a permutation  $\pi$  of the first  $n$  positive integers such that  $\bigcap_{j=1}^n E_j^{\epsilon_j}$  and  $\bigcap_{j=1}^n F_{\pi(j)}^{\epsilon_j}$  are empty and non-empty at the same time, for all sequences  $\{\epsilon_1, \dots, \epsilon_n\}$  with  $\epsilon_j = \pm 1$ ,  $j = 1, \dots, n$ . Let  $N(n)$  be the number of equivalence classes of classes consisting of not more than  $n$  sets. The author proves that  $n!N(n)/2^n \rightarrow 1$  as  $n \rightarrow \infty$ .  
P. R. Halmos (Chicago, Ill.).

Surányi, János

Surányi, János. On the solubility of systems of linear inequalities. Eötvös L. Tud.-Egy. Kiadv. Term.-Tud.

Kar Evk. 1952-53, 19-25 (1954). (Hungarian)

Let  $l_i(x) = a_{i1}x_1 + a_{i2}x_2 + \dots + a_{in}x_n$ . Consider the inequalities

$$(1) \quad l_i(x) \geq 0 \quad (1 \leq i \leq n).$$

$\xi = (\xi_1, \xi_2, \dots, \xi_n)$  is said to be a solution of (1) if not all  $\xi_i$  are 0 and  $l_i(\xi) \geq 0$  ( $1 \leq i \leq n$ ). The author gives various necessary and sufficient conditions for the solvability of (1). He gives a different proof of a result of Blumenthal [Pacific J. Math. 2 (1942), 523-530; MR 14, 541]. The author remarks that after finishing his paper he found out that one of his results was simultaneously obtained by S. N. Cernikov [Uspehi Mat. Nauk (N.S.) 8 (1953), no. 2(54), 1-13; MR 15, 293].

P. Erdős (Haifa).

1 - F/W

2001

*[Handwritten signature]*

CHEN, J.

solutions of Riccati equations of the first order and continued fractions. p. 12, (MATEMATIKAI LAPOK, Budapest, Hungary), Vol. 5, No. 2/3, 1954.

CC: Monthly List of East European Accessions, (EEA), IC, Vol. 4, No. 5, May 1964, p. 1.

"APPROVED FOR RELEASE: 08/26/2000

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APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653920017-7"

Surányi, J., and Turán, P. Notes on interpolation. I. On some interpolational properties of the ultraspherical polynomials. Acta Math. Acad. Sci. Hungar. 6 (1955), 67-80. (Russian summary)

1 - F/W

H/S

The authors are concerned with interpolation polynomials  $f(x)$  arising from data which involve non-consecutive derivatives. In particular, the problem  $f(x_i) = y_i$ ,  $f'(x_i) = y_i'$  ( $i = 1, 2, \dots, n$ ) is considered. Assuming that  $n$  is odd and the  $x_i$  are symmetrically located in  $[-1, 1]$ , there is in general no polynomial  $f(x)$  of degree  $2n-1$  satisfying the conditions. Moreover, if there is such a polynomial, there are infinitely many of them. In the further course of the paper the  $x_i$  are chosen as the zeros of certain ultraspherical polynomials  $P_n^{(\lambda)}(x)$ . Let  $n$  be even and let the  $x_i$  be the zeros of  $(1-x^2)P_{n-1}^{(\lambda)}(x)$ . Then the interpolation polynomial  $f(x)$  of degree  $2n-1$  is always unique. However, the following is true: Let  $x_i$  be the zeros of  $P_n^{(\lambda)}(x)$ ,  $\lambda + \frac{1}{2}$  even integer  $> 0$ ,  $n \geq \lambda + 5/2$ ; there exist polynomials  $f(x) \neq 0$  of degree  $n + \lambda + \frac{1}{2}$  such that  $f(x_i) = f'(x_i) = 0$ .

G. Szegő (Stanford, Calif.).

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(1)



5 12 1947

Surányi, Vince On the reduction theory of the decision  
problem of symbolic logic I - F/4



SURIN, JAMES

HAIJOS, Gyorgy; SURANYI, Janos; FUCHS, Laszlo; ACZEL, Janos; KALMAR, Laszlo; (Szeged)  
SZOKEFALVI-NAGY, Bela (Szeged)

Report on the 5th regular meeting arranged by the Janos Bolyai  
Mathematical Society. Mat lapok 12 no.1/2:127-144 '61

1. President, Janos Bolyai Mathematical Society, and Editor,  
"Matematikai Lapok" (for Hajos). 2. Secretary General, Janos Bolyai  
Mathematical Society (for Suranyi). 3. Editor, "Matematikai Lapok"  
(for Aczel).

SURANYI, Janos (Budapest)

Data on divided parallelograms. Acta math Szeged 22 no.1/2:  
85-90 '61.

1. Submitted May 3, 1960.

HAJOS, György; KALMAR, László; SURANYI, János; TURAN, Pál; FOSA, Lajos;  
DE BRUIJN, N.G.(Amsterdam, Holland); SARKADI, Karoly; FRIED,  
Ervin; WIEGANDT, Richard; ERDOS, Pál

Mathematical problems. Mat Lapok 12 no.3/4:253-258 '61.

- 1."Matematikai Lapok" szerkesztoje (for Hajos and Kalmar).
- 2."Matematikai Lapok" felelos szerkesztoje (for Turan).

CSASZAR, Akos; ERDOS, Pal; TURAN, Pal; KARTESZI, Ferenc; FRIED, Ervin;  
WIEGANDT, Richard; CSIPSZER, Janos; KALMAR, Laszlo; KONCZ, Karoly;  
MAJTHAY, Antal ; BOGDAN, Zoltan; HAJNA, Janos; HETYEI, Gabor;  
SURANYI, Janos.

Mathematical problems. Mat lapok 14 no.1/2:163-169 '63.

1. "Matematikai Lapok" felelos szerkesztoje (for Turan). 2. "Matematikai Lapok" szerkeszto bizottsagi tagja (for Kalmar),

LIRANZI, Janos

Report by the Secretary General, Janos Bolyai Mathematical Society. Mat lapok 14 no. 3/4:394-406 '63.

1. Secretary General, Janos Bolyai Mathematical Society.



SURANYI, Mihaly, dr.

Toxic infection caused by *Shigella sonnei*. Orv. hetil. 95 no.43;  
1182-1184 24 Oct. 54.

1. Az Elemenestudományi Intézet (igazgató: Tarján Robert dr.)  
közleménye.

(SHIGELLA, infect.

sonnei enteritis)

(ENTERITIS, bacteriol.

*Shigella sonnei*)

RUDAS, Imre, dr.; SURANYI, Mihaly, dr.

Effect of penicillin on immunologic processes in rabbits  
inoculated with scarlet fever toxin. Orv. hetil. 96 no.20:  
546-547 15 May 55.

1. XIX. ker Tanacs Belgyogyaszati korhasanak (igazgato:  
Iras, Jeno dr., foorvos: Rudas, Imre dr.) kozlemenye.

(SCARLET FEVER, immunology.

vacc., eff. of penicillin on immunol. responses  
in rabbits.)

(VACCINES AND VACCINATION,

scarlet fever, eff. of penicillin in immunol.  
responses in rabbits.)

(PENICILLIN, effects,

on scarlet fever vacc. immunol. responses in  
rabbits.)

SURANYI, O.

"Unification of dispensary hospital functions in the Soviet Union and certain problems of its application in our country. p. 169." (NEPEGESZSEGUGY, Vol 34, no. 7, July 1953, Budapest, Hungary.)"

SO: East European, I. C. Vol. 2, No. 12, Dec.-1953

HUNGARY/Nuclear Physics - Penetration of Charged Neutral  
Particles Through Matter.

C

Abs Jour : Ref Zhur Fizika, No 2, 1960, 3085

system. It is found that  $\langle r_{s.s}/r_{e.m.s} \rangle =$

$0.92 \pm 0.15$ , which corresponds to a symmetrical emission of shallow particles in a center of mass system. Also determined are the spectrum in the center of mass system in the distribution of the transverse momentum. -- V.I. Lend'yei

Card 2/2

Author : Suranyi, P.

Inst : Central Research Institute of Physics, Hungarian  
Academy of Sciences, Budapest, Hungary

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920017-7"

Title : On the Decay of Positive K Mesons

Orig Pub : Acta phys. Acad. scient. hung., 1958, 8, No 4, 447-449

Abstract : Starting with the hypothesis of parity doublets, strong  $\pi$  K interaction, and the assumption that the decay of the  $\tau^+$  mesons proceeds via  $\phi^+$  decay, the author calculates the branching ratios of  $\tau^+$  decays to that of  $\phi^+$  decay, and also the  $K_{u3}$  decay to the  $K_{u2}$  decay  $\rightarrow K_{u2}$  branching ratio. By comparing the results a value of  $1/14$  is obtained for the dimensionless constant of strong  $\pi$  K interaction. -- S.G. Matinyan

Card 1/1

SURANYI, Peter

A phenomenological examination of the multiple production of mesons  
in atomic nuclei. Koz fiz kozl MTA 7 no.6:378-384 '59. (EEL 9:8)

1. Kozmikus Sugarzasi Laboratorium, Kozponti Fizikai Kutato Intezet,  
Magyar Tudomanyos Akademia.  
(Mesons) (Nucleons)

SURANYI, F.; SARANTSEVA, V.R., tekhn. red.

The asymptotic behaviour of the solution of mandelstam's  
equations for pion-pion scattering. Dubna, Ob"edinennoyi  
in-t iadernykh issledovani, 1962. 9 p.

(No subject heading)

DOMOKOSH, G. [Domokos, G.]; SHURANI, P. [Suranyi, P.]; SARANTSEVA, V. R.,  
tekhn. red.

Three-particle states in the relativistic theory of complex  
angular momentum. Dubna, Ob"edinennyi in-t iadernykh is-  
sledovani, 1963. 18 p.

1. On leave from the Central Research Institute for Physics,  
Budapest (for Domokosh, Shurani).  
(No subject heading)

DOI OKOSH, G. [Domokos, G.]; SHURANI, P. [Suranyi, P.]

Bound states and analytic properties in angular momentum.  
Dubna, Ob"edinennyi in-t iaderrykh issledovani, 1963.  
23 p. (MIRA 17:9)



SHURAN'I, P. [Suranyi, P.]

Singularities of the solution of the Bethe - Salpeter  
equation in the angular momentum plane. Dokl. AN SSSR  
154 no.2:317-320 Ja'64. (MIRA 17:2)

1. Ob'yedinennyy institut yadernykh issledovaniy. Predstavleno  
akademikom N.N. Bogolyubovym.

DOMOKOS, G.; SURANYI, P.

On the behaviour of Green functions at small distances.  
Acta phys Hung 17 no.1/2:107-114 '64.

1. Joint Institute for Nuclear Research, Laboratory of  
Theoretical Physics, Dubna U.S.S.R. Presented  
Z.Gyulai.

CA

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The changes in the precipitation zone of casein in the presence of various drugs, chiefly chemotherapeutics. Sándor Surányi and László Kráczky (Univ. Debrecen, Hung.). *Kolloides (gyógyászati)* 2, 344 (1950).—Derives of salicylic acid, e.g. Ascorbic acid, and the newer chemotherapeutics and antibiotics, such as sulfonamides, penicillin and streptomycin, showed no significant effects on the isoelectric point of casein, proving that their bacteriostatic action is independent of their colloid-chem. behavior. This colloid-chem. inactivity may partly explain the relatively low toxicity of these antibiotics and sulfonamides. Among the basic monoazo dyes, phenylazonaphthopyridine (Vestin) shifted the max. flocculation point of casein to higher pH values in a 0.001 M concn., but more dil. solns. were without effect. *p*-Ethoxy-2,4-diaminobenzene-HCl (Cystal) showed similar effects even at a concn. of 0.0002 M. Phenolphthalein and rubrophen (trimethoxyethylhydroxy-tritane) did not influence the isoelec. point of casein. Among the acridine dyes, tryptoflavine (3,6-diamino-10-methylacridine HCl salt), rivanol (2-ethoxy-6,8-diamino-uridine lactate), ateloin, and Acridine Orange (3,6-dimethyl-1,2,7-triamino-9-phenylacridine) shifted the pptn.

zone to the basic region. It is interesting to note that the limiting concns. for pptn. with tryptoflavine and rivanol are the same as the concns. which must be reached when using these drugs therapeutically, namely, 0.0001 and 0.0002 M. Chrysarobin (methylhydroxyanthranol) showed no effects in concns. of 0.0001 and 0.0002 M, resp. Yatrore (hydroxyquinoline-sulfonic acid) at concns. of 0.0001 and 0.0002 M shifted the pptn. zone to the acid region. Novatophan (Me 2-phenylquinoline-4-carboxylate) was ineffective. Quinine-HCl and optoquine (ethylhydrocupreine) in concns. of 0.001 M shifted the pptn. zone to the basic region but were ineffective in higher dilns. Eucupine (methylhydrocupreine) showed similar effects even at a concn. of 0.0001 M. Neosalvarsan shifted pptn. zone to the acid region even in a concn. of 0.0002 M, whereas atoxyl and maphar sen were ineffective. Among 9 sulfonamides investigated only sul. Zrontoni showed effects, shifting the pptn. zone to the acid region at a concn. of 0.0002 M. Definite correlation was proved between chemotherapeutic and colloid-chem. effects in some cases (tryptoflavine, rivanol, quinine, optoquine, and eucupine). István Fialá

SURANYI, S.; SZIRMAI, I.

Experiences with histaminasoprotein in treatment of pregnancy toxico-  
ses. Orv. hetil. 93 no. 46:1311-1312 16 Nov. 1952. (CML 24:1)

1. Doctors. 2. Obstetric and Gynecological Clinic (Director -- Prof.  
Dr. Sandor Arvay), Debrecen Medical University.

SURANYI, S.; ANDRASSY, E.; STARK, E.

The effect of sex hormones on the blood sugar level in man. Orv. hetil.  
94 no.21:571-573 24 May 1953. (CML 25:1)

1. Doctors. 2. Women's Clinic (Director -- Prof. Dr. Sandor Arvay) and  
Institute of Physiology and Pathophysiology (Directors -- Prof. Dr.  
Istvan Went and Prof. Dr. Lorand Kesztyus).

EXCERPTA MEDICA Sec.10 Vol.9/12 Obstetrics Dec 55

Author (III, 10)

2212. SURÁNYI S., GAVALLÉR I. and BERENCSEI G. Univ.-Frauenklin.; Lab. der staatl. Lungenheilstätte, Debrecen, Ungarn. \*Zur bakteriologischen Diagnose der Genitaltuberkulose der Frau. Comment on the bacteriological diagnosis of the genital tuberculosis in women ZBL.GYNÄK. 1954, 76/42 (1865-1873) Illus. 1

To obtain cervical secretion a metal pessary made of heat-proof glass was placed on the cervix for 24 hr. The collected secretion was cultured on Loewenstein medium. The procedure is recommended as a supplement for histological examinations.

Lajos - Pécs (X, 4)

SURANYI, Sandor

SURANYI, Sandor, dr.; GAVALLER, Istvan, dr.; BERENCSEI, Gyorgy, dr.

Methods in bacteriologic diagnosis of female genital tuberculosis.  
Orv. hetil. 95 no.22:595-598 30 May 54.

1. A Debreceni Orvostudományi Egyetem Szülészeti és Nőgyógyászati  
Klinikájának (igazgató: Arvay Sandor dr. egyet. tanár) és az  
Állami Tudóbeteggyógyintézet (igazgató-főorvos: Pongor Ferenc dr.)  
Laboratóriumának (főorvos Berencsei György dr.) közleménye.  
(TUBERCULOSIS FEMALE GENITAL, diagnosis  
bacteriol.)

SIMON, Miklos, dr.,; GAVALLER, Istvan, dr.,; SURANYI, Sandor, dr.

Patho-mechanism of tuberculosis indurativa (Basin).Orv. hetil.  
96 no.19:515-521 8 May 55

1. A Debreceni Orvostudományi Egyetem Bor- és Hemikortani  
Klinikájának (igazgató: Szodoray Lajos dr. egyet. tanár és Szülészeti  
és Nőgyógyászati Klinikájának (igazgató: Arvay Sandor dr. egyet.  
tanár) közleménye.

(TUBERCULOSIS, CUTANEOUS,  
indurativa, patho-mechanism)



ENDOKRINOL. Sec.3 Vol10/11 Endocrinology Nov50

2103. SURÁNYI S., ANDRÁSSY E. and STARK E. Frauenklin., Physiol. Inst.,  
Inst.für Exp. Pathol., Med. Univ., Debrecen, Ungarn, \*Der Einfluss der  
Sexualsteroidoide auf den Blutzuckerspiegel des Menschen. The influence  
of sex hormones on the human blood sugar level Z.GEBURTSH.  
GYNÄK. 1955, 144/1 (69-75) Tables 5

The influence of sex hormones on the fasting blood sugar level was investigated in  
female and male patients (without hormonal disturbances). The greatest fall in the  
blood sugar value was produced by stilboestrol, a slightly smaller decrease by  
oestrone and the smallest by testosterone. Progesterone gave rise to highly irre-  
gular blood sugar curves. In functional disturbances of the liver (cirrhosis) the  
modulating effect of oestrone was absent. Koref - Budapest (III, 10\*)

SURANYI, Sandor, dr.; GAVALLER, Istvan, dr.; BERENCSEI, Gyorgy, dr.

Place of bacteriological tests in modern diagnosis of female genital tuberculosis. Magy. noorv. lap. 19 no.5:271-280 Sept 56.

1. A Debreceni Orvostudományi Egyetem Szülészeti és Nőgyógyászati Klinikájának (igazgató: Pongor, Ferenc, dr.) Közlem.  
(TUBERCULOSIS, FEMALE GENITAL, diag.  
bact. & histol. tests (Hun))

GAVALLER, Istvan, dr.; SURANYI, Sandor, dr.; BERENCSI, Gyorgy, dr.

New aspects of clinica and epidemiology of female genital tuberculosis. *Magy. noorv. lap.* 19 no.5:280-289 Sept 56.

1. A Debreceni Orvostud. Egyetem Szuleszeti es Nagygyassati klinikaj. (igaz. Arvan, Sandor, dr.) es a Tbc. klinikajanak (igaz.: Pongor, Ferenc, dr.) kozlem.

(TUBERCULOSIS, FEMALE GENITAL  
clin. classif. & epidemiol. (Hun))

BERNICSI, Gyorgy, Dr.; GAVALLER, Istvan, Dr.; SURANYI, Sandor, Dr.

Bacteriological diagnosis of female genital tuberculosis. Magyar. orvos. lap. 21 no.5:266-270 Oct 58.

1. Közlemény a Debreceni Orvostudományi Egyetem Tbc- (Igazgató: Pongor Ferenc dr.) és Nőgyógyászati Klinikájáról (Igazgató: Arvay Sandor dr.)  
(TUBERCULOSIS, FEMALE GENITAL, diag.  
bacteriol. (Hun))

ARVAY, Sandor, Dr.; SURANYI, Sandor, Dr.

New examinations and aspects of some controversial problems in tuberculosis of female genitalia. Orv. hetil. 99 no.15:496-502 13 Apr 58.

1. A Debreceni Orvostudományi Egyetem Szülészeti és Nőgyógyászati  
Klinikájának (igazgató: Arvay Sandor dr. egyet. tanár) közleménye.  
(TUBERCULOSIS, FEMALE GENITAL  
(Hun))

HARASZTI, Antal, dr.; SURANYI, Sandor, dr.

Effect of modern drug therapy on pathological picture of tuberculosis of the fallopian tubes. *Magy.noorv.lap.* 23 no.5:267-275  
S '60.

1. A Debreceni Orvostudományi Egyetem Kóronctani Intézetének  
(igazgató: Endes Pongrácz dr. egy. tanár) és Szülészeti és Nőgyógyászati Klinikájának (igazgató: Arvay Sándor dr. egy. tanár)  
közleménye.

(TUBERCULOSIS FEMALE GENITAL ther)  
(ANTITUBERCULAR AGENTS ther)

SURANYI, Sandor, dr.

Female genital tuberculosis with dangerous dissemination. Orv.  
hetil. 102 no.4:152-154 22 Ja'61.

1. Debreceni Orvostudományi Egyetem. Szülészeti és Nőgyógyászati  
Klinika.

(TUBERCULOSIS FEMALE GENITAL compl)

(TUBERCULOSIS MILIARY etiol)

SURANYI, Sandor, dr.

Early diagnosis of female genital tuberculosis. Magy noorv. lap. 24  
no.1:59-64 Ja'61.

1. A Debreceni Orvostudományi Egyetem Szülészeti és Nőgyógyászati  
Klinikájának (Igazgató: Árvay Sandor dr. egy. tanár) közleménye.

(TUBERCULOSIS FEMALE GENITAL diag)



SURANYI, Sandor, dr.; BERTA, Istvan, dr.

On the newer results of x-ray examinations in female genital tuberculosis. Magy noorv. lap. 25 no.1:20-25 Ja '62.

1. A Debreceni Orvostudományi Egyetem Szülészeti és Nőgyógyászati  
Klinikájának ~~beszámolója~~ (Igazgató: Arvay Sandor dr. egyetemi tanár)

(UTERUS dis)

(TUBERCULOSIS, FEMALE GENITAL radiography)

(HYSTEOSALPINGOGRAPHY)

SURARU, Maria

Contributions to the knowledge of coralloid fauna in the  
Upper Cretaceous of the Borod Basin. Studia Univ B-B S.  
Geol-Geog 7 no.1:39-52 '62.

1. Universitatile "V.Babes" si "Bolyai", Cluj.

PETRE, I.; SURARU, N.

Investigations concerning the iodine content of the sources of the water supply of the mountain valleys of the region of the Bistrita. Stud. cercet. endocr. 15 no.2:181-185 '64.

1. Lucrare efectuata in Institutul de igiena al Republica Populara Romina, Filiala Cluj; Sectia de Igiena comunala.

BERTING, B.N.; SURASSKIY, L.Y.; KOPEYKIN, V.S.

Mechanizing the cleaning of lime vats and the delivery of liming  
residue to customers. Odm.tekh.opyt. [MLP] no.26:46-50 '56.  
(MIRA 11:11)

(Tanning)

(Waste products)